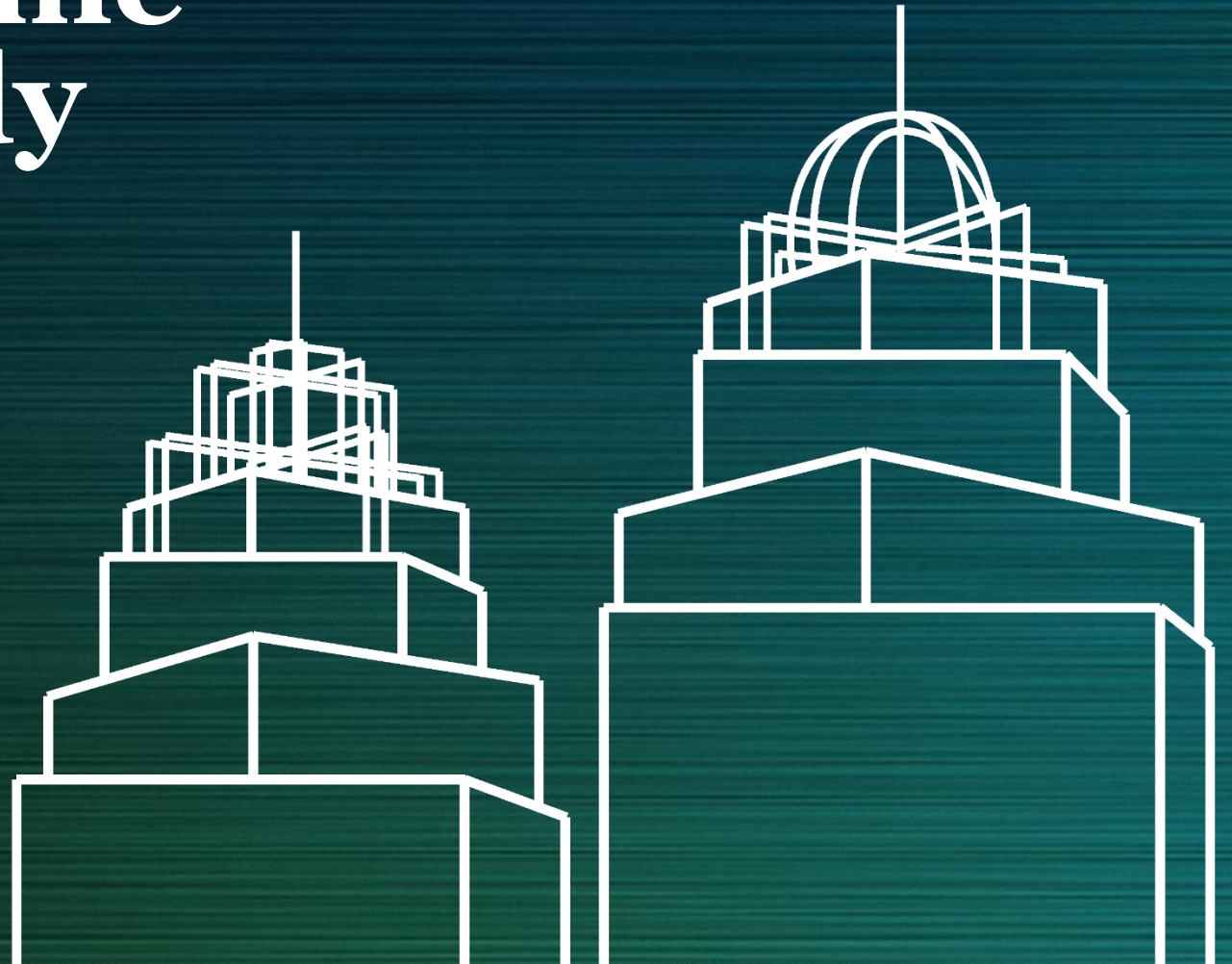


# Peachtree Dunwoody Road Travel Time and Delay Study

October 18, 2016

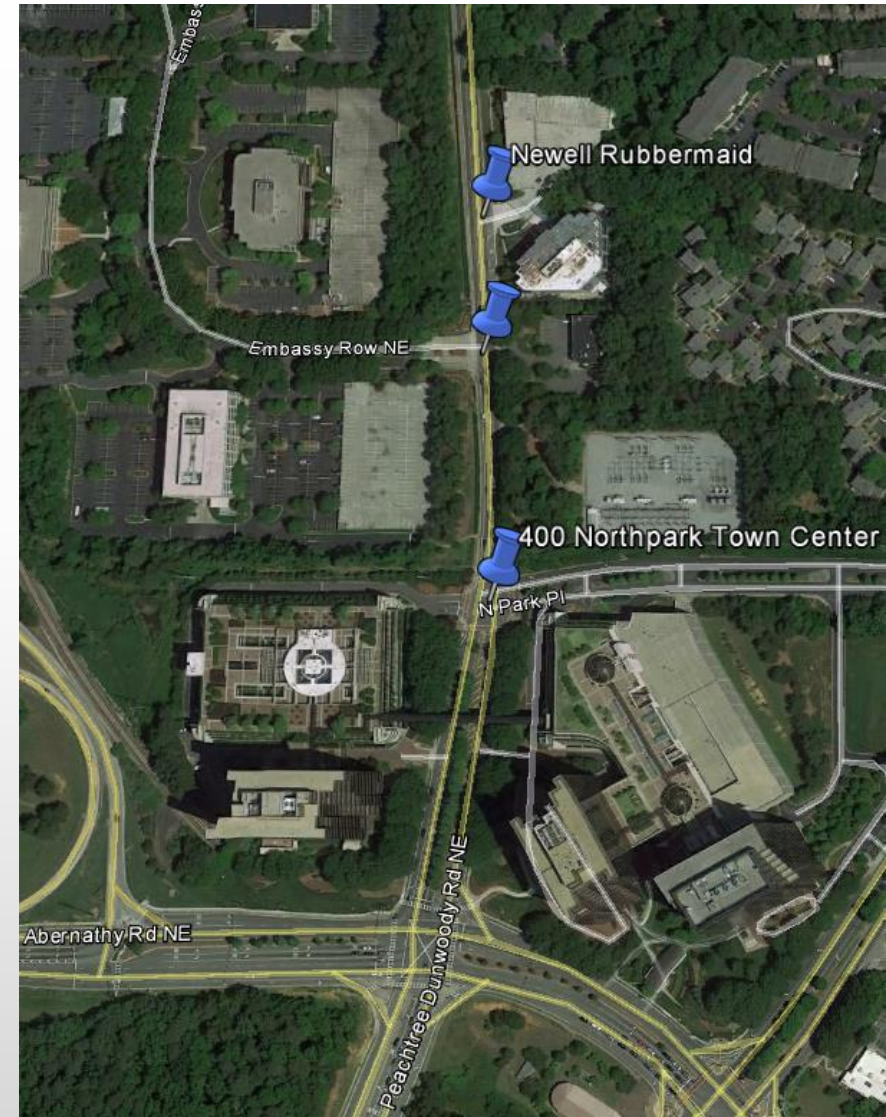


## Purpose

- Study the impact of police officer traffic control at the Newell Rubbermaid office driveway, Embassy Row Driveway, and Northpark Town Center parking deck driveway.

## Data Collection

- Travel times along Peachtree Dunwoody Road (from the North Springs MARTA station to Mount Vernon Highway) and delay at the Newell Rubbermaid driveway were collected in the PM peak hours (4 PM to 6 PM) on:
  - August 16<sup>th</sup> and 18<sup>th</sup> – **With** Police directing traffic at the three intersections on Peachtree Dunwoody Road
  - August 23<sup>rd</sup> and 25<sup>th</sup> – **Without** police directing traffic at the three intersections



## Results

Table 1: Summary of Newell Rubbermaid Driveway Delay Data

	Date	Number of Vehicles	Total Delay (sec)	Average Delay (sec/veh)
Police Control	8/16/2016	247	11568	46.8
	8/18/2016	252	10159	40.3
	Total	499	21727	43.5
No Police Control	8/23/2016	231	10526	45.6
	8/25/2016	228	8195	35.9
	Total	459	18721	40.8

**Summary:** With police control, average delay incurred by vehicles exiting the Newell Rubbermaid office increased by 2.7 seconds or 6.2%.



## Results

*Table 2: Peachtree Dunwoody Road Travel Time data Summary*

Direction	Travel Time with Police (seconds)	Travel Time No Police (seconds)	Percent Change	Total Delay with Police (seconds)	Total Delay no Police (seconds)	Percent Change
Northbound	305	315	3.3%	189	198	4.8%
Southbound	293	297	1.4%	177	181	2.3%
Both	299	306	2.3%	183	190	3.8%

**Summary:** With police control, average travel times along Peachtree Dunwoody Road (North Springs MARTA station to Mount Vernon Highway) decreased by 7 seconds or 2.3%.

## Summary and Recommendations

- The consultant witnessed a dramatic increase in risky driving behavior by motorists with no police presence and over time the corridor would be much safer with police present to direct traffic.
- The consultant recommends continuing to allow police to direct traffic at these intersections.
- The City of Sandy Springs should coordinate with the PCID PTOP program to ensure Peachtree Dunwoody Road has adequate signal time at the intersection with Abernathy Road.